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Chroma-Q Space Force Octo User Guide

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Overview

The Chroma-Q® Space Force™ is a cutting-edge white LED space light fixture that is a true replacement for equivalent conventional light sources commonly used in Film and TV studios around the world. For a complete list of accessories please visit www.chroma-q.com.

Safety

Caution

1. This product is for professional use only. It is NOT intended for domestic or outdoor use.
2. The bright flash of light during power-up and continuous strobe effect may cause epileptic seizures.
3. This product must be used with a safety cable.

Cabling

The Space ForceTM is built with chassis mount powerCON TRUE1 connectors for power input/through and chassis mount XLR 5-pin for DMX input/through. The chassis is ground-bonded.

Mounting

The Space Force is built with dual-purpose brackets for stacking and hanging. Secure the fixture with a safety bond. A provision for the fixing hold is built into the enclosure. Standard and low-profile yokes are available as optional accessory items.
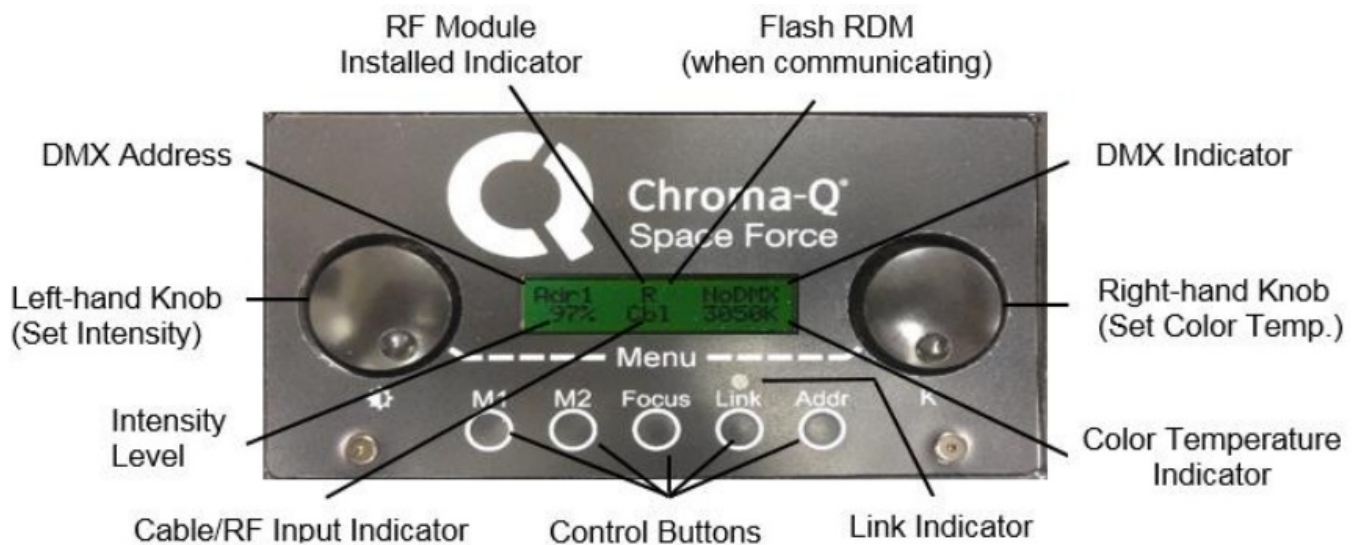
Optics

The Space ForceTM is built with a high-efficiency diffuser that provides a fully homogenized beam spread.

Control

The Space ForceTM can be controlled through:

MANUAL OPERATION	rear control panel
INPUT CABLE	via remote DMX console through XLR-5 pin cable
INPUT RF OPTION	via wireless DMX transmission

Rear Control Panel with LCD display:

Manual Control in Standalone Operation:

LEFT-HAND KNOB	RIGHT-HAND KNOB
· Clockwise to increase Intensity Level · Counter-clockwise to decrease Intensity Level · Press to decrement intensity by 10%	· Clockwise to increase the Color Temperature · Counter-clockwise to decrease Color Temperature · Press to step down through preset Color Temp values
· Press Both to access Menu	

Control Buttons

1. Press once to activate, recall, unlink or playback
2. Press and hold for 2 – 5 seconds to store/save

M1	Stores and plays back a look
M2	Stores and plays back a look
Focus	Switches fixture ON to the max. output for 30 sec. for quick focus check or manual re-focus
Link	Unlinks from previous wireless connections
Address	Sets the DMX start address (see the following section on DMX Operation)

DMX Operation:

To set the DMX Start Address, on the Control Panel, press the Add button once, and "Add" on the top left of the display flashes. Use either the Left-**hand or Right-hand Knobs to set the DMX start address:**

LEFT-HAND KNOB	RIGHT-HAND KNOB
· Clockwise to increase the value by 1's · Counter-clockwise to decrease the value by 1's	· Clockwise to increase the value by 10's · Counter-clockwise to decrease the value by 10's

Press and hold the Addr button for 2 seconds to save the new DMX setting, "Done" and "SAVED" appear on the display.

DMX Control Channels: 2

1. 1st DMX Channel controls the Warm White Intensity Level adjustment
2. 2nd DMX Channel controls the Cold White Intensity Level adjustment
3. When setting Personality to" INT-CCT-EXTD", a third DMX channel will be established to carry commands rather than light data from the console to the fixture. A command is a binary number that must be asserted on the third channel for at least 5 seconds to have it executed.

Main Menu

1. Press both LEFT-HAND and RIGHT-HAND KNOBS to access the Main Menu
2. Rotate the LEFT-HAND KNOB to scroll through the menu items
3. Press LEFT-HAND KNOB to select the displayed item
4. Press the RIGHT-HAND KNOB once to exit to the previous menu item or the main display
5. Press both LEFT and RIGHT-HAND KNOBS for 2 sec. to save; the display shows "SAVED"

Menu Tree

1-PWM Frequency	The fixture can be set to various PWM frequencies to avoid flickering on camera
2-DMX I/P Select	Enables the input connection: INPUT CABLE or INPUT RF

3 – DMX Lost	If the DMX control signal from an external source is not detected, various standalone output options can be selected		
		1 – OFF	The fixture has no output
		2 – Hold the Last	The fixture holds the last valid DMX state
		3 – M1	The fixture snaps to the saved look in M1
		4 – M2	The fixture snaps to the saved look in M2
4-RDM	RDM Protocol can be enabled or disabled	RDM Disabled	
		RDM Enabled	
4-DMX Input Data	DMX values of the LED channels are displayed		
5-Temperature	Internal temperature is displayed		
6-FMW Name & Ver	The firmware Name and Version are displayed		

7-Engine upload	Enables the upload of LED engine software updates from Uploader II

Remote Wireless DMX Operation

The Link Indicator light on the control panel shows if an RF signal link to a remote DMX wireless transmitter is present or not. To activate a link,

1. Enable the INPUT RF from the Technical menu
2. From the external transmitter, initiate the link process
3. The Link Indicator flashes fast to indicate the linking is in progress
4. The Link Indicator flashes slowly to indicate that the link is active; it turns into a solid ON if the DMX signal is received

Space force has a robust feature set available via RDM. Consult the Operator's Manual for details and operation.

Further Information

Please refer to the Chroma-Q® Space ForceTM manual for more detailed information. A copy of the manual can be found at the Chroma-Q® **website www.chroma-q.com/support/downloads**

- The information contained herein is offered in good faith and is believed to be accurate. However, because the conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer tests to ensure that Chroma-Q® products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.
- Chroma-Q® sole warranty is that the product will meet the Chroma-Q® sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.
- Chroma-Q® reserves the right to change or make alterations to devices and their functionality without notice due to ongoing research and development.
- The Chroma-Q® Space ForceTM has been designed specifically for the lighting industry. Regular maintenance should be performed to ensure that the products perform well in the entertainment environment.
- If you experience any difficulties with any Chroma-Q® products please contact your selling dealer. If your selling dealer is unable to help please contact support**@chroma-q.com. If the selling dealer is unable to satisfy your servicing needs, please contact the following for full factory service:**

CONTACT US

For a full product manual please visit
www.chroma-q.com
Part Number: CQSPFV, CQSPFVW, CQSPFVLR
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Software Version Addressing 1.70, Engine 3.2.2

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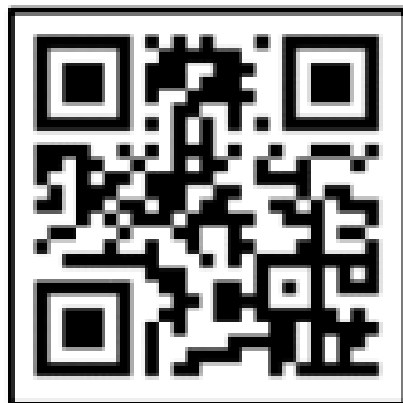**Tel:** +1 416-255-9494
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Documents / Resources

Quick Start Guide Chroma-Q® Space Force™ Chroma-Q	**Chroma-Q Space Force Octo** [pdf] User Guide Space Force Octo, Space Force Octo Light, Octo Light, Space Force Light, Light

References

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